

ABSTRACT

The method of this invention, and any apparatus which implements it, improves the accuracy of determining the sub-pixel location of the image of a point-like radiator of energy (typically light). This method distributes the image of a point radiator of energy over detector pixels such that the number of image pixels with high intensity gradients is maximized, while it minimizes the energy wasted on pixels with low intensity gradients, which contribute little to the computation of the sub-pixel location of the image. By improving such accuracy in each of one or more cameras, the accuracy of deriving the spatial location of the energy radiator improves also.